

### **ABSTRACT**

**[0082]** A user terminal of a wireless access network can use a digital certificate to authenticate itself to access points of the wireless access network. In one embodiment, the user terminal includes a memory to store an identity certificate signed by a certificate that the user terminal can use for authentication, where the identity certificate being based, at least in part, on hardware included in the user terminal. In one specific embodiment, the identity certificate is tied to the serial number of the user terminal.